

**FORM PTO-1449** U.S. Department of  
Commerce Patent and Trademark Office

ATTY. DOCKET NO.

500.39520CX2

SERIAL NO.

10/828,299

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

APPLICANT

T. KAMANO, et al

FILING DATE

April 21, 2004

GROUP

2187

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RUB	6	7	4	2	0	3	4		5/04	Schubert et al			
RUB	6	4	3	8	6	4	8		8/02	McKean et al			
RUB	5	1	6	3	0	9	6		11/92	Clark et al			
RUB	5	1	2	4	9	8	7		6/92	Milligan et al			
RUB	5	0	7	7	7	3	6		12/91	Dunphy, Jr. et al			
RUB	4	9	8	9	2	0	5		1/91	Dunphy, Jr. et al			
RUB	4	9	1	4	6	5	6		4/90	Dunphy, Jr. et al			
RUB	6	4	8	4	2	4	5		11/02	Sanada et al			
RUB	6	6	0	6	6	9	5			Kamano et al			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
												YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER *Raymond D. Brugh*  
*for Ngoc Binh*

DATE CONSIDERED *4/28/2006*

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])

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RUB	4 1 4 4 5 8 3		Lawson			
RUB	5 2 1 0 8 4 4	5/93	Shimura et al			
RUB	5 2 3 7 6 6 8	8/93	Blandy et al			
RUB	5 2 3 9 6 3 2	8/93	Larner			
RUB	5 2 7 4 7 8 3	12/93	House et al			
RUB	5 2 8 2 2 4 7	1/94	McLean et al			
RUB	5 2 9 7 2 6 8	3/94	Lee et al			
RUB	5 4 6 9 5 6 4	11/95	Junya			
RUB	5 5 2 8 5 8 4	6/96	Grant et al			
RUB	5 5 3 3 1 2 5	7/96	Bensimon et al			
RUB	5 5 4 8 7 8 3	8/96	Jones et al			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO
RUB	0 7 0 9 9 8 8	5/96	European		
RUB	6 3 2 5 3 4 4 8	10/98	Japan		XX

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

RUB	Smith et al "Tachyon: a gigabit Fibre Channel Protocol Chip", Hewlett-Packard Journal, vol. 47, No. 5, Oct. 1996, pp. 94-98, internet copy.
RUB	Gibson et al, "A Case for Network-Attached Secure Disks", Document CMU-CS-96-142, School of Computer Science, Carnegie Mellon University, Sep. 26, 1996, pp. 1-19.
RUB	Gibson et al "File Server Scaling with Network-Attached Secure Disks" Proceedings of the 1997 ACM Sigmetrics International Conference on Measurement & Modeling of Computer Systems, Jun. 1997, pp. 272-284.

EXAMINER

*Reynold B. Brayton*  
*for Ngan Dinh*

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EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RUB		5	6	1	0	7	4	5	3/97	Bennett			
RUB		5	6	1	0	7	4	6	3/97	Ranalli			
RUB		5	6	1	7	4	2	5	4/97	Anderson			
RUB		5	6	2	3	6	3	7	4/97	Jones et al			
RUB		5	6	3	4	1	1	1	5/97	Oeda et al			
RUB		5	6	4	4	7	8	9	7/97	Matthews et al			
RUB		5	6	5	1	1	3	9	7/97	Cripe et al			
RUB		5	6	5	7	4	4	5	8/97	Pearce			
RUB		5	6	6	3	7	2	4	9/97	Westby			
RUB		5	7	4	8	9	2	4	5/98	Llorens et al			
RUB		5	7	6	8	5	3	0	6/98	Sandorfi			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
													YES	NO
RUB		8	2	5	1	1	0	1	9/96	Japan			XX	
RUB		8	1	1	5	2	7	9	5/96	Japan			XX	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

RUB	Van Meter III, "A Brief Survey of Current Work on Network Attached Peripherals", ACM SIGOPS, Operating Systems Review, v. 30, n. 1, Jan. 1996, pp. 63-70, Internet copy.
RUB	"Fibre Channel Physical and Signaling Interface (FC-PH)" Rev. 4.3 Jun. 1, 1994.

EXAMINER <i>Reynold D. Bragdon</i> <i>for Ngan Duh</i>	DATE CONSIDERED <i>4/28/06</i>
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RUB	5 7 6 8 6 2 3	6/98	Judd et al			
RUB	5 8 0 5 8 0 0	9/98	Kotani et al			
RUB	5 8 0 5 9 2 0	9/98	Sprenkle et al			
RUB	5 8 0 9 2 7 9	9/98	Oeda et al			
RUB	5 8 0 9 3 2 8	9/98	Nogales et al			
RUB	5 8 1 2 7 5 4	9/98	Lui et al			
RUB	5 8 3 5 4 9 6	11/98	Yeung et al			
RUB	5 8 4 8 2 5 1	12/98	Lomelino et al			
RUB	5 8 7 2 8 2 2	2/99	Bennett			
RUB	5 8 9 4 4 8 1	4/99	Book			
RUB	5 9 1 3 2 2 7	6/99	Raz et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
		YES	NO											
RUB		6	2	1	4	8	6	3	8/94	Japan			XX	
RUB		6	0	9	5	3	5	9	4/94	Japan			XX	
RUB		5	3	2	4	4	4	5	12/93	Japan			XX	
RUB		5	1	8	1	6	0	9	7/93	Japan			XX	
RUB		3	1	5	2	6	5	0	6/91	Japan			XX	
RUB		3	1	0	5	4	1	9	5/91	Japan			XX	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Reginald S. Bragich  
for Name Search

DATE CONSIDERED

4/28/2006

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RUB		5	9	4	1	9	6	9	8/99	Ram et al			
RUB		5	9	4	1	9	7	2	8/99	Hoese et al			
RUB		6	0	4	1	3	8	1	3/00	Hoese			
RUB		6	0	6	1	7	5	3	5/00	Ericson			
RUB		6	1	0	5	0	9	2	8/00	Oeda et al			
RUB		6	1	1	8	7	7	6	9/00	Berman			
RUB		6	1	8	5	2	0	3	2/01	Berman			
RUB		6	2	1	9	7	7	1	4/01	Kikuchi et al			
RUB		6	4	9	9	0	7	5	12/02	Oeda et al			
RUB		6	4	2	5	0	3	6		Hoese			
RUB		6	4	2	1	7	5	3		Hoese			

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	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
													YES	NO
RUB		1	1	8	1	1	3	9	7/89	Japan			XX	
RUB		5	2	2	5	0	6	8	9/93	Japan			XX	
RUB	1	0	3	3	3	8	3	9	12/98	Japan				

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EXAMINER <i>Raymond B. Bragdon</i> <i>for Ngoc Dinh</i>	DATE CONSIDERED <i>4/28/06</i>
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RUB	6 4 2 5 0 3 5		Hoese			
RUB	6 4 9 3 3 4 7		Sindhu et al			
RUB	6 5 7 4 6 6 7		Blumenau			
RUB	6 1 9 5 7 0 3		Blumenau			
RUB	6 0 6 1 7 5 0		Beardsley et al			
RUB	6 0 0 6 3 4 2		Beardsley et al			
RUB	6 5 9 1 3 5 6	7/03	McMurdie et al	711	206	

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
					YES NO
RUB 5 1 2 8 0 3 0	5/93	Japan			
RUB 0 8 8 1 5 6 0	12/98	European			

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RGB	6 5 9 8 1 7 4	7/03	Parks et al			
RGB	6 4 8 4 2 2 9	11/02	Ichikawa et al			
RGB	6 6 8 4 2 0 9	1/04	Ito et al			

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